Electrical control valve (Solenoid controlled)

HYDRAULIC VALVES

Description

This valve opens and closes in response to an electric signal by means of an incorporated 3 way solenoid (3/2). The signal can come from a controller, main switch, PLC, etc.
Depending on the type of the solenoid the valve acts as “NC”, normally closed, which opens when is energized or as “NO”, normally open, which closes when is energized.

Applications

Electrical remote control.
Any application depending on the control device: pressure control, pump protection, flow control, etc.

Solenoids

Port**	Ways	Function	Orifice	Body material	Voltage*	Wires
1/8"	3	NO ,NC	1,2 ; 1,6	Reinforced Nylon	24 VAC; 9-12 Latch	2
1/8" ; 1/4"	3	NO ,NC	1,2 ; 1,6 ; 2.0	Brass	24 VAC; 110 VAC; 9-12 Latch	2

* Option (12 VDC, 24 VDC, and 230 VAC)
** Standard BSP; NPT on request

PLASTIC BODY: Protection Class IP 66

Function	Orifice	AC	DC	DC Llatch
NC	1,2	11	9	11
	1,6	6	5	6
NO	1,2	12	12	12
	1,6	8	8	8

Max. Pressure (bar)

BRASS BODY: Protection Class IP 65 with connector

Function	Power	Orifice 1,2	1,6	2,0
NC	ADC	20	15	10
	AC/8W DC/10W	30	17	14
	AC/5,5W	20	15	10
	AC/2,5W DC/5,5W DC/3,5W	16	10	9
NO	ADC	20	15	11
	AC/8W DC/10W	22	17	12
	AC/5,5W	20	15	11
	AC/2,5W DC/3,5W	18	12	8

Available models

Plastic valves 1 ½”, 2” and 3”
Metal valves threaded 1 ½”, 2”, 2 ½”, 3” and 4”
Metal valves grooved (“Victaulic”) 2”, 3” and 4”
Metal valves flanged DN80, DN100, DN125, DN150, DN200, DN250 and DN300

Dimensions / Pressure loss

Plastic valves

Metal valves threaded

Drawing NC

Metal valves grooved “Victaulic”

Drawing NO

Metal valves flanged